

Facility ID: 1318001373 Issuance type: Final State Permit To Operate

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In addition to the terms and conditions, hyperlinks have been inserted into the document so you may more readily access the section of the document you wish to review.

Finally, the term language under "Part II" and before "A. Applicable Emissions Limitations..." has been added to aid in document conversion, and was not part of the original issued permit.

THIS IS NOT AN OFFICIAL VERSION OF THE PERMIT. SEE PAGE 1 FOR ADDITIONAL INFORMATION

Facility ID: 1318001373 Emissions Unit ID: K001 Issuance type: Final State Permit To Operate

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Part II - Special Terms and Conditions

This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).

1. For the purpose of a permit-to-install document, the emissions unit terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.
 - (a) None.
2. For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.
 - (a) None.

A. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
Paint spray booth for wood furniture and wood furniture components	OAC rule 3745-21-07 (G)(2) 40 CFR 63 Subpart JJ	Organic compound (OC) emissions shall not exceed 8 lbs/hr and 40 lbs/day (see A.2.a). See A.2.b.

2. Additional Terms and Conditions

- (a) This emissions unit is subject to OAC 3745-21-07(G)(2) each day when any photochemically reactive material is employed (coating or cleanup).

This emissions unit is not the only source of organic compound emissions at this facility. The permittee shall meet the following requirements to maintain the facility as an area source with respect to 40 CFR Part 63, Subpart JJ:

- i. use less than 5 tons per each rolling 12-month period of each hazardous air pollutant (HAP) at the facility, including materials used for source categories other than wood furniture;
- ii. use less than 12.5 tons per each rolling 12-month period of the combination of all HAPs at the facility, including materials used for source categories other than wood furniture; and,
- iii. ensure that at least 90 percent of the plantwide HAP emissions per each rolling 12-month period is associated with the manufacture of wood furniture or wood furniture components.

The permittee shall include all HAP emissions generated by all other emissions units at the facility in determining compliance with the above-mentioned limitations.

B. Operational Restrictions

1. None

C. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information for each day for this emissions unit:
 - a. the company identification for each coating and each cleanup material employed, and documentation as to whether or not each coating and each cleanup material is a photochemically reactive material;
 - b. the number of gallons of each coating and cleanup material employed;
 - c. the OC content of each coating and cleanup material employed, in lbs/gallon;
 - d. for each day during which a photochemically reactive material (coating or cleanup) is employed, the total emission rate for all coatings and photochemically reactive cleanup materials, in lbs/day of OC;
 - e. for each day during which a photochemically reactive material (coating or cleanup) is employed, the total number of hours the emissions unit was in operation; and
 - f. for each day during which a photochemically reactive material (coating or cleanup) is employed, the average hourly OC emission rate for all coatings and photochemically reactive cleanup materials, i.e., (d)/(e), in lbs/hr (average).

[Note: The coating information must be for the coatings as employed, including any thinning solvents added at the emissions unit. Also, the definition of "photochemically reactive material" is based upon OAC rule 3745-21-01 (C)(5).]

2. The permittee shall collect and record the following information each month for all emissions units at this facility:
 - a. an identification of each coating and cleanup material employed;
 - b. the number of gallons of each coating and each cleanup material employed;
 - c. the single HAP content of each coating and each cleanup material, in lbs/gallon;
 - d. the combined HAPs content of each coating and each cleanup material, in lbs/gallon;
 - e. the emissions of each single HAP from each coating and each cleanup material employed, in lbs;
 - f. the total emissions of each single HAP from all coatings and cleanup materials employed, in lbs;
 - g. the emissions of combined HAPs from each coating and each cleanup material, in lbs; and
 - h. the total emissions of combined HAPs from all coatings and cleanup materials employed, in lbs.
3. The permittee shall collect and record the following information each month for all emissions units at this facility:
 - a. the rolling 12-month emissions of each single HAP, in tons; and
 - b. the rolling 12-month emissions of combined HAPs, in tons.

D. Reporting Requirements

1. In accordance with paragraph 3 of the General Terms and Conditions, the permittee shall submit quarterly deviation (excursion) reports that include the following information:
 - a. for the days during which a photochemically reactive material (coating or cleanup) was employed, an identification of each day during which the average hourly OC emissions from the coatings and photochemically reactive cleanup materials exceeded 8 lbs/hr, and the actual average hourly OC emissions for each such day;
 - b. for the days during which a photochemically reactive material (coating or cleanup) was employed, an identification of each day during which the OC emissions from the coatings and photochemically reactive cleanup materials exceeded 40 lbs/day, and the actual OC emissions for each such day;
 - c. an identification of each rolling 12-month period during which any single HAP emissions from all emissions units at this facility exceeded 5 tons, and the actual single HAP emissions for each such rolling 12-month period; and
 - d. an identification of each rolling 12-month period during which the combined HAPs emissions from all emissions units at this facility exceeded 12.5 tons, and the actual combined HAPs emissions for each such rolling 12-month period.
2. The permittee shall submit annual written reports that summarize the total emissions of each single HAP and of combined HAPs for all emissions units at this facility for the previous calendar year. The reports shall include documentation, based upon the record keeping in C.2, that at least 90 percent of the plantwide combined HAPs emissions per each rolling 12-month period during the calendar year is associated with the manufacture of wood furniture or wood furniture components. The reports shall include the emission calculations and shall be submitted by January 31 of each year to the Cleveland Division of Air Quality (CDAQ).

E. Testing Requirements

1. Compliance with the emission limitations in Sections A.1, A.2.a and A.2.b of these terms and conditions shall be determined in accordance with the following method(s):
 - a. Emission Limitation: 8 lbs/hr of OC

Applicable Compliance Method:
Compliance shall be based upon the record keeping specified in Section C.1.
 - b. Emission Limitation: 40 lbs/day of OC

Applicable Compliance Method:
Compliance shall be based upon the record keeping specified in Section C.1.
 - c. Emission Limitation: less than 5 tons per each rolling 12-month period of each HAP at the facility

Applicable Compliance Method: Compliance with the above limit shall be determined based upon the record keeping requirements specified in Sections C.2 and C.3.
 - d. Emission Limitation: less than 12.5 tons per each rolling 12-month period of combined HAPs at the facility

Applicable Compliance Method: Compliance with the above limit shall be determined based upon the record keeping requirements specified in Sections C.2 and C.3.
2. Formulation data or USEPA Method 24 shall be used to determine the organic compound contents of the coatings and cleanup materials employed in the emissions unit.
3. Certified product data sheets (CPDS) (40 CFR 63 Section 801 Definitions) for coatings and cleanup materials shall be used to determine the HAP contents of the coatings and cleanup materials.

F. Miscellaneous Requirements

1. None